Assignment - 1

Que:1 Why do computer understand only binary language?

Ans: A very thoughtful qus, It is because binary is a machine language which has 0 and 1, means it records the data in form of 0 & 1 as electric signal. Computer is a electronic device. It became complex if the sentence becomes large.

Que:2 What is the full form of IDE?

Ans: full of IDE ⇒ Integrated Development Environment.

Que:3 What is the difference b/w a text editor and a code editor?

Ans: A text editor simply allows you to write and edit text and it does not have anything built - in to help you to code whereas a code editor is also a text editor but it also help you write code.

Que:4 What are the steps to develop software using the C- language?

Ans: First we create a source file and then we build software and run.

Que:5 ⓐ what is the latest version of C language ?

Ans: C17.

ⓑ who developed C language ?

Ans: Dennis Ritche

ⓒ difference b/w system & application software?

Ans:

→ System software acts as an interface b/w the system and the application software.
eg: operating system, etc.

→ Application software is the type of software that runs as per user requist.

without system software, system can not run on the other hand, without application software system always run.

Que:6 How to convert no. from decimal → Binary.?

Ans: Ex: $(100)_{10} \rightarrow (?)_2$

2	100	0
2	50	0
2	25	1
2	12	0
2	6	0
2	3	1
	1	

$\Rightarrow (1100100)_2$

Binary no.

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